

Converting Colors

CIELCh(100, 47.937, 36.816)

Have a look what the booklet for
CIELCh(100, 47.937, 36.816)
contains.

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Color

CIELCh(91, 16.895, 66.728)

Conversions

Conversions Part 1

Format	Color
Hex	FEE0C8
RGB	254, 224, 200
RGB Percent	100%, 88%, 78%
CMY	0.0044, 0.1219, 0.2159
CMYK	0.00, 0.12, 0.21, 0.00
HSL	27°, 96%, 89%
HSV	27°, 21%, 100%
XYZ	77.8821, 78.4833, 65.6508
YIQ	230.2340, 25.5840, -1.1040

Conversions

Conversions Part 2

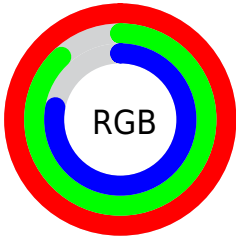
Format	Color
RYB	254, 243, 200
Decimal	16703688
CIELab	91.00, 6.68, 15.52
CIELCh	91, 16.895, 66.728
Yxy	78.4833, 0.3508, 0.3535
Android (android.graphics.Color)	4294893768 (0xFFFE0C8)
YUV	230.2340, -14.9054, 20.8428
Hunter-Lab	88.5908, 1.8893, 18.0763

Details

The CIELCh color **91, 16.895, 66.728** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 15.640, 252.151**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 16.998, 66.959** is the 20% darker color. If you saturate the color by 10%, you get **87, 25.578, 65.611**, and if you desaturate by 10%, it is **95, 8.692, 67.855**.

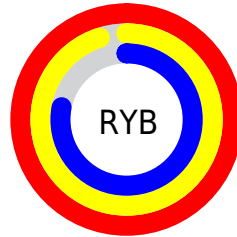
Distribution



Red (100%)

Green (88%)

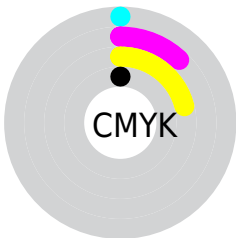
Blue (78%)



Red (100%)

Yellow (95%)

Blue (78%)

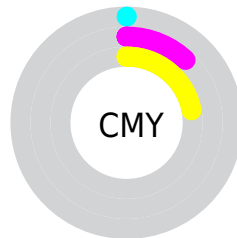


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 16.895, 66.728 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 91, 16.895, 66.728 by changing the saturation by 10% instead.

 91, 16.895, 66.728

 91, 16.895, 66.728

 100, 16.895,
66.728

 81, 16.895, 66.728

 71, 16.895, 66.728

 61, 16.895, 66.728

 51, 16.895, 66.728

 41, 16.895, 66.728

 31, 16.895, 66.728

 21, 16.895, 66.728

 11, 16.895, 66.728

 1, 16.895, 66.728

91, 16.895, 66.728

91, 16.895, 66.728

87, 25.578, 65.611

95, 8.692, 67.855

83, 34.759, 64.493

99, 0.931, 68.523

79, 44.420, 63.388

100, 0.388,
201.090

76, 54.462, 62.279

73, 64.623, 61.103

69, 74.322, 59.709

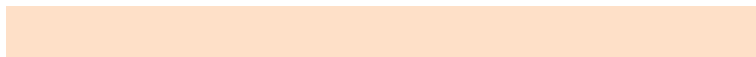
66, 82.478, 57.779

64, 87.628, 55.468

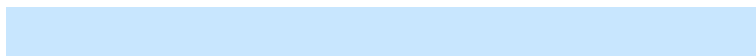
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



91, 16.895, 66.728



90, 15.640, 252.151

Rectangle

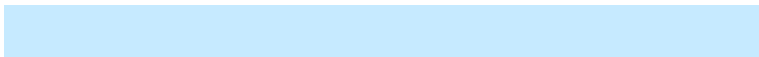
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 16.895, 66.728



91, 16.895, 116.728



91, 16.895, 246.728



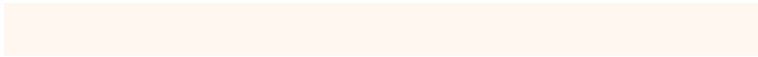
91, 16.895, 296.728

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91, 16.895, 66.738



98, 4.584, 68.403



86, 25.121, 341.980



52, 3.046, 68.339



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 16.895, 66.738



90, 20.168, 66.314



98, 25.523, 105.165



51, 4.388, 68.043



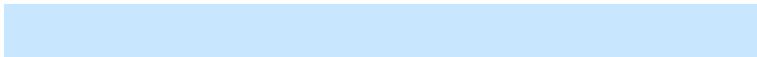
49, 70.472, 56.163



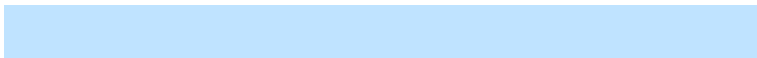
15, 27.167, 56.385

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



90, 15.640, 252.151



88, 18.384, 252.796



83, 26.639, 289.930



51, 4.254, 250.430



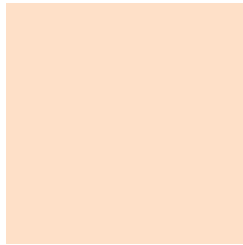
44, 52.090, 278.197



13, 21.488, 271.240

Previews

White Background



This preview shows how the CIE LCh color 91, 16.895, 66.728 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 91, 16.895, 66.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

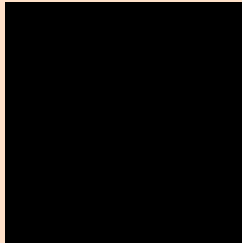
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 16.895, 66.728

Background



This preview shows how black text looks on a background with the CIELCh color 91, 16.895, 66.728.



This preview shows how white text looks on a background with the CIELCh color 91, 16.895, 66.728.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91, 16.912, 66.719

Protanopia

91, 14.519, 92.507

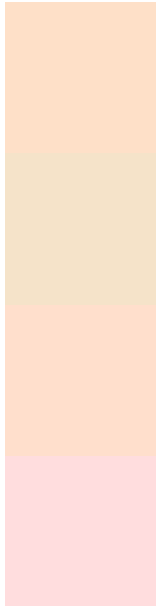
Deuteranopia

91, 14.655, 54.197



Tritanopia
91, 14.800, 348.919

Trichromacy



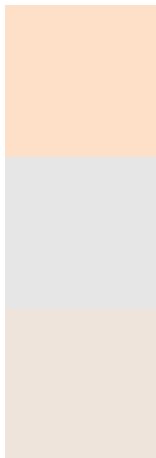
Original Color
91, 16.912, 66.719

Protanomaly
91, 15.054, 82.238

Deuteranomaly
91, 15.641, 58.659

Tritanomaly
91, 12.500, 17.902

Monochromacy



Original Color
91, 16.912, 66.719

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.123, 68.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 16.895, 66.728 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 224, 200)` looks like.

```
.text, #text, p{  
    color:rgb(254, 224, 200)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 224, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 224, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 16.895, 66.728 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 224, 200) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(254, 224, 200) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(254, 224, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 224, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 224, 200);  
box-shadow:4px 4px 4px 4px rgb(254, 224,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 16.895, 66.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 224, 200) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
224, 200) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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